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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW AND COMMENTS ON CHICORA TANK FARM
PRELIMINARY CONTAMINATION ASSESSMENT PLAN CNC CHARLESTON SC
02/20/1990
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

South Carolina Department of Health and Environmental Control

2600 Bull Street
Columbia, S.C. 29201

Commissioner
Michael D. Jarrett



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February 20, 1990

Mr. Reese Batten
Southern Division
2155 Eagle Drive
P.O. Box 10068
Charleston, SC 29411

Re: Chicora Tank Farm
Marine Corps Air Station - IRP Site
Preliminary Contamination Assessment Plan
(submitted February 13, 1990)
Charleston County

Dear Mr. Batten:

The referenced assessment plan has been reviewed, and the following comments are provided:

- 1) Apparently, the proposed tracer survey has been initiated. The concentration of the tracer (10 ppm) is stated, but the chemical constituents of the "signature compound" used is not given. The type of tracer used should be clarified, and it should be noted that injection of the tracer without prior approval may be a violation of S.C. Underground Injection Control (UIC) regulations (contact Mr. Stanley Swartzel, 734-4613 for additional details).
- 2) A soil-gas survey is proposed to be performed over the entire area of the site. Eleven soil borings/monitor wells are proposed for the areas determined to have the highest PID readings from the soil-gas survey. This approach is approvable.

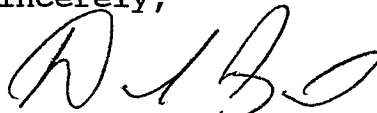
The monitor wells should be installed per the S.C. Well Standards and Regulations (R.61-71.11). A copy is enclosed for your information. The narrative description of the proposed well installation procedures appear to meet regulations (except for the cement surface pad), but a cross-sectional diagram showing the monitor well construction details must be submitted. It should also be noted that a S.C. certified well driller is required to install the monitor wells.

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- 3) Please submit the results of the soil gas survey (our fax number is 734-4661) when they are available, with a site map showing the PID readings and the proposed monitor well locations. The monitor well approval will be issued as expeditiously as possible after Departmental review and concurrence on the well locations have been reached (and the additional information from comment #2 has been submitted).
- 4) The cover of the referenced report states that the MCAS is the responsible party for this site, and not the Charleston Naval Shipyard. Please provide the name and address of the responsible party of the Chicora Tank Farm, along with the name of the person who is the military point of contact for this site.
- 5) Please submit an implementation schedule for the proposed activities (when the soil-gas survey is scheduled, and when the assessment report will be submitted).

In general, this proposal appears to outline an appropriate methodology for an initial assessment of this site, and will be approvable when the requested additional information is received. If you have any questions, please call me at (803) 734-5329.

Sincerely,



David G. Baize, Hydrogeologist
Assessment and Development Section
Ground-Water Protection Division
Bureau of Drinking Water Protection

DGB/CHIC

Enclosure

cc: Victor Weeks
U.S. EPA Region IV

Kurt Hausner
KEMRON Environmental

Trident District EQC